



Ansell
LIGHTING

Designed to Deliver

ILLUMINATING HEALTHCARE



LIGHTING THE WAY FOR HEALTH

Ansell Lighting can help you to create a healthcare environment which is safe, compliant and energy efficient, and which supports patient health and wellbeing and staff performance.

Our lighting products and design service will ensure that your lighting provision enables medical and auxiliary staff to perform their professional duties, while also promoting the highest standards of patient-centred care.



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LIGHTING FOR ALL PATIENT NEEDS

Smart lighting systems are ideal for the healthcare environment, providing practitioners with a superior level of control to meet diverse lighting needs.

Smart lighting systems

Smart lighting systems are ideal for the healthcare environment, providing practitioners with a superior level of control to meet diverse lighting needs.

Enabling fittings to be managed as a group or individually, smart lighting systems can be programmed to ensure separate areas receive precisely the right combinations of output, brightness, intensity and colour settings for their purpose. This ensures that the unique lighting needs of any location are met, at any time, whether that is a treatment room, an entire ward or a single hospital bed.

For example, to maximise patient comfort, fittings on hospital wards can be grouped and programmed to change at specific times of day, according to morning and evening routines, whilst in consultation rooms, practitioners can precisely tune illumination levels dependent on the individual circumstances.

Smart systems can also be configured to react to complex occupancy patterns. Fittings with features such as daylight harvesting, motion sensors, or presence and absence detectors can be integrated within the system to modify output as the use or occupancy of the building changes. This regulates energy use, keeping costs to a minimum, and reduces carbon emissions. More importantly, it can bring significant benefits for staff, patients and visitors.

Patient wellbeing and dignity

A hospital stay can be disorientating and distressing for many reasons, including being forced to spend long hours indoors under artificial lights.

Research shows that a lack of natural sunlight has a bad impact on our circadian rhythm or 'body clock', disrupting the regular sleep and eating patterns that are so important to good physical and mental health.

With smart lighting controls, luminaires can be programmed to recreate the natural lighting patterns which occur throughout the day. This helps to keep patients' body clocks balanced, alleviating low moods and promoting faster recovery.

A safe and professional environment

A smart lighting system is capable of supplying the precise amount of clear, targeted, glare-free light so medical professionals are able to carry out even the most complex tasks, such as precision surgery.

Lighting levels which can be programmed to support the circadian rhythm can also help keep staff healthier and more focused, particularly those completing lengthy night shifts.



Our healthcare lighting priorities

- Flexibility and controllability
- Fall prevention and safety for all
- Hygiene
- Patient, staff and visitor wellbeing
- Targeted glare-free task lighting
- Unobtrusive, aesthetically pleasing luminaire design



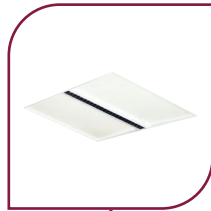
INDOOR SPACES

Within a healthcare facility, there exists a diverse range of indoor settings. Each of these spaces demands appropriate lighting to serve its unique purpose effectively. By understanding the significance of tailored lighting in these different healthcare environments, institutions can create spaces that promote patient care, comfort, and wellbeing for both healthcare professionals and patients alike.

**WARDS AND
PATIENT ROOMS**
HOPE BEDHEAD



**CONSULTATION AND
EXAMINATION ROOMS**
JUNO



ELDERLY CARE
VOLO



CIRCULATION AREAS
HOPE ASYMMETRIC



**WAITING AREAS
AND CAFES**
COMFORT EVO

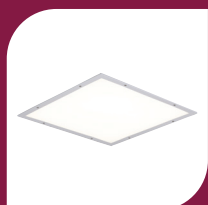


Effective illumination plays a crucial role in healthcare environments where patient care, diagnosis, and treatment are of paramount importance. Healthcare professionals have the power to create an atmosphere that truly supports medical activities and patient well being by

meticulously ensuring that the lighting levels align with the specific healthcare tasks taking place throughout the day.

In this next section, we will be taking you through our range of indoor luminaires which we have carefully crafted for this type of healthcare environment.

CLEAN AREA FACILITIES
DEFENDER



ANCILLARY AREAS
TOPLINE EVO





WARDS AND PATIENT ROOMS

COMING
SOON

HOPE BEDHEAD

The hospital ward environment is arguably one of the most important in healthcare.

As a place where patients are clinically observed and treated, lighting must enable medical and care staff to see, observe and effectively treat, as well as support cleaning staff to ensure the space is clean and hygienic.

Patient wellbeing is also a key priority in these spaces. Nobody wants to find themselves in hospital, so creating a lighting scheme which can positively affect a patient's mood and reduce their anxiety levels is crucial. Lighting levels should also support recovery, helping patients to maintain a natural circadian rhythm to promote restful sleep to expedite their recovery.

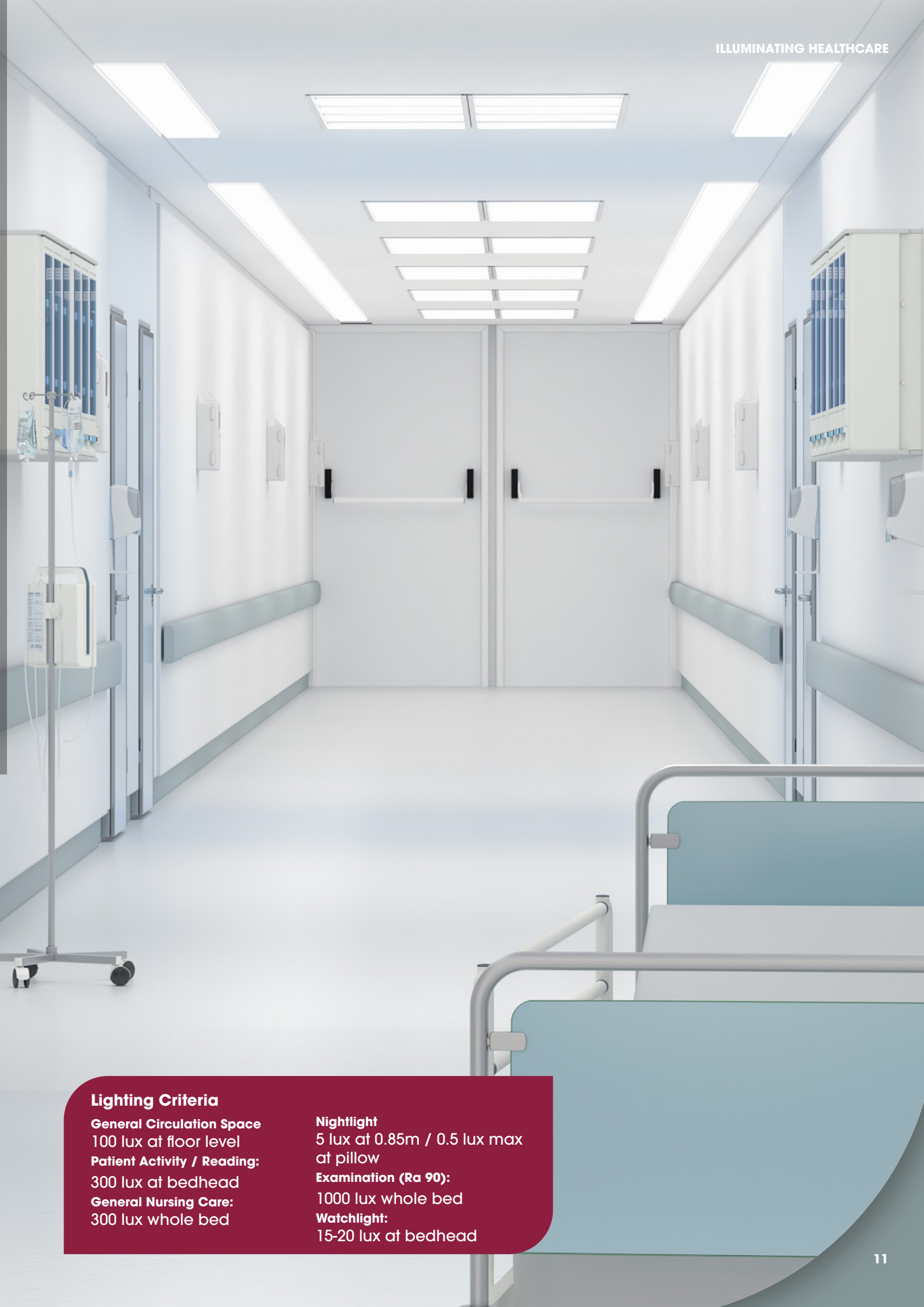
With such a diverse range of needs, hospital wards and individual patient rooms must be designed to achieve a range of different lux levels. Requirements vary from 1000 lux in examination spaces to 300 lux for general nursing care, whilst general circulation spaces demand a lower 100 lux rating and night time pillow levels just 0.5 lux.

Fittings must produce a bright white colour temperature of 4000k in these areas. Products with tunable white technology are also ideal and can be used to influence circadian rhythm. A minimum Ra 90 is required in clinical and examination areas and Ra 80 in wards and bedrooms.

With such a varied range of requirements, highly tunable, controllable lighting is a must. Downlighting such as Comfort Evo is

ideal, featuring a deep, cut-off angle for glare control, it offers 4000K CCT and dimmable options to support patient comfort and wellbeing.

At nighttime, ambient lighting in ward areas is required to reduce the risk of falls, while targeted lighting over medical stations allows night staff to work without disturbing patients' sleep. On shared wards, which typically contain four beds, individual pockets of light over beds are required to support the individual but should cause minimum disruption to neighbouring patients. Lighting such as the Hope bedhead is ideal for such circumstances, enabling patients to read or undertake other tasks without disturbing others whilst general lighting levels are dimmed.



Lighting Criteria

General Circulation Space

100 lux at floor level

Patient Activity / Reading:

300 lux at bedhead

General Nursing Care:

300 lux whole bed

Nightlight

5 lux at 0.85m / 0.5 lux max
at pillow

Examination (Ra 90):

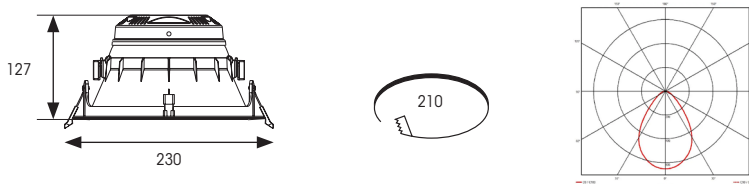
1000 lux whole bed

Watchlight:

15-20 lux at bedhead

Comfort EVO

- Economic high performance CCT selectable IP44 downlight suitable for commercial and healthcare applications
- Intelligent and eco-friendly 3 part design allows end user the choice of either black or white reflector and trim accessories to add to the downlight (ACOM*/1), offering great customisation and product upgradability
- Deep cut-off angle for glare control and comfort
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Downlight design allows installation into existing hole cut-outs of 210mm
- Anti-Ligature kit available for installation in secure environments such as healthcare and educational facilities
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- Dimmable and Emergency options, standard and Self-Test Emergency available using the Hawk Kit Emergency Pack



Fitted with black trim and diffuser



Surface mounted Comfort EVO also available

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L80 60,000	80	3	80°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
ACOM1/1	CCT Selectable	7W/13W	3000K/4000K	1000lm - 1800lm (4000K)	130lm/W (4000K)	23
ACOM2/1	CCT Selectable	17W/21W	3000K/4000K	2300lm - 2800lm (4000K)	130lm/W (4000K)	23

CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3/DD4)
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
ACOM/TR/W/1	Reflector and Trim White
ACOM/TR/B/1	Reflector and Trim Black
AARXDLK/1	Downlight Anti-Ligature Kit
AHUEMKIT/LI	Maintained/Non-maintained - Universal Emergency Pack



CONSULTATION AND EXAMINATION ROOMS



Consultation and examination rooms are unique spaces in which lighting must allow the medical professional to examine clearly and accurately, whilst reassuring patients when they are at their most anxious.

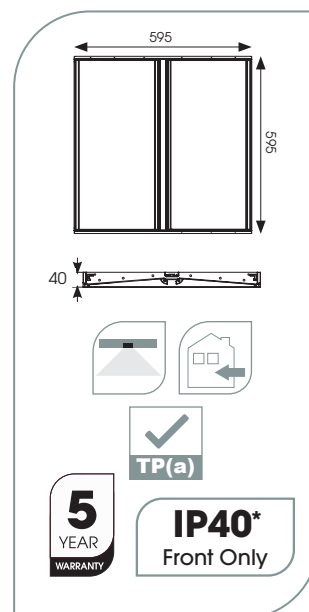
In consultation areas a lux level of 300 is required whilst in general examination spaces this must be higher at 500 lux. 300/500 lux is the specification for treatment areas.

Given these varied requirements, smart lighting is a great option for consulting

and examination rooms, enabling lighting levels to be precisely controlled and altered according to the needs of each situation.

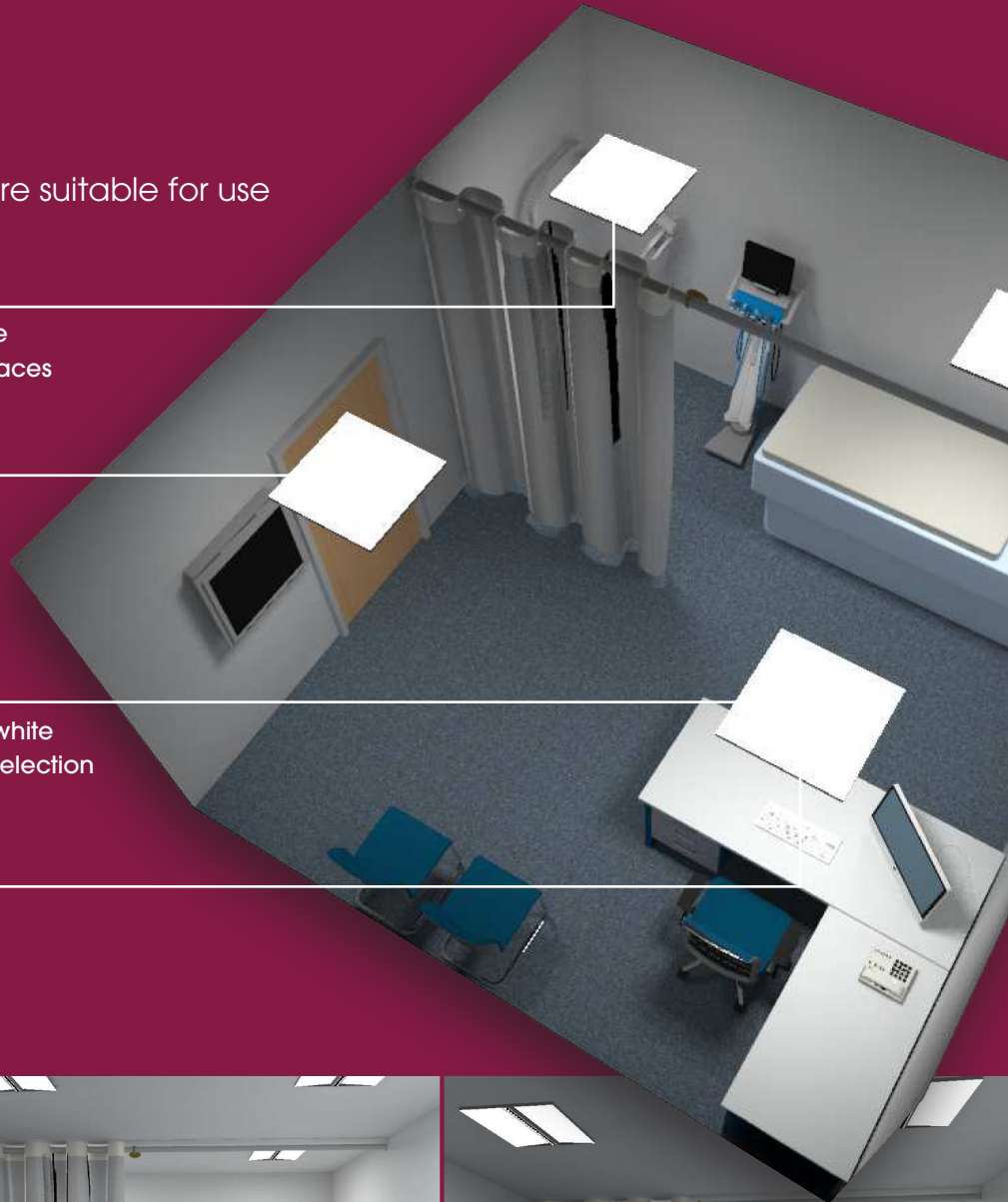
In specialist examination rooms where scanning equipment or equivalent is used, lighting must work effectively in conjunction with the diagnostic technologies in use, so must be comfortable, easy to control, fully tunable and offer exceptional light clarity. A colour rendering index (CRI) of 90+ is recommended in treatment areas.

Recessed LED panel lights such as Pace Plus are ideal for consultation and examination rooms, providing excellent clarity and low glare, whilst recessed modular LED luminaires such as Juno or Volo offer the same benefits alongside dual output functionality, meeting both task and ambient lighting requirements.



Juno

The Juno LED backlit panels are suitable for use in healthcare environments



UGR<19 compliant luminaire suitable for most internal spaces



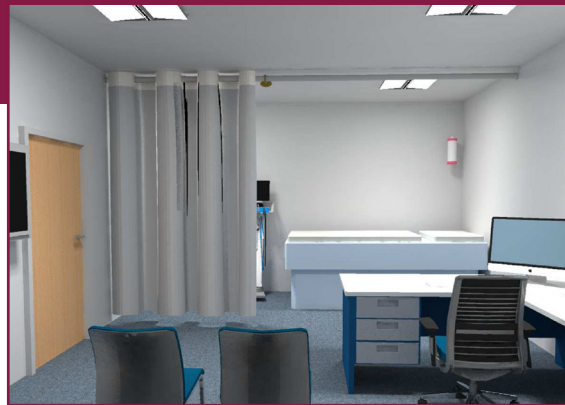
Dimming, emergency and OCTO smart control options available



OCTO compatible tunable white version available with CCT selection between 2700K-5000K



TPa as standard



Scan here for Juno details

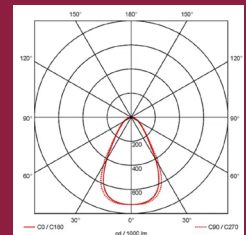


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Lighting Criteria

Consulting
300 lux
General Examination:
500 lux
Treatment:
300/500 lux



Also available with these options:

- Emergency
- Self-Test Emergency
- DALI Emergency
- OCTO Smart Control
- Digital Dimming (DD1, DD3, DD4)

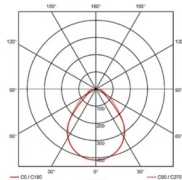
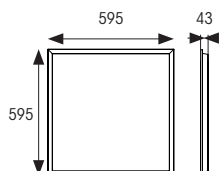
Pace PLUS

- Industry leading super high efficiency (up to 180lm/W) backlit LED panel suitable for education, commercial and ancillary area applications
- Slimline design allows for installation into shallow ceiling voids
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Power selectable; offering a choice of 4 outputs, in one luminaire
- Dimmable and OCTO options available
- TPa as standard
- **Switch Dim, DALI and 0-10V dimming capability using the multi dimmable driver accessories ADDIM30/MC**



OCTO
Option
Available

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CASAMBI



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L90 52,000	80	3	80°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APACP/60/CW	600 x 600 Cool White	12W - 18W	4000K	2100lm - 3100lm (4000K)	180lm/W	18

CODE (OPTIONS)	DESCRIPTION
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
APACELED/SK	Pace Suspension Kit
AERMLED/60/SMF	600 x 600 Surface Mounting Frame

CODE (ACCESSORIES)	DESCRIPTION
APRK/60	Pace Suspension Kit
AARX60K/1	600 x 600 Surface Mounting Frame
ASRF/60/1	600 x 600 Skylight Recessed Frame
AHUEMKIT/LI	30W Multi-current Dimmable LED Driver



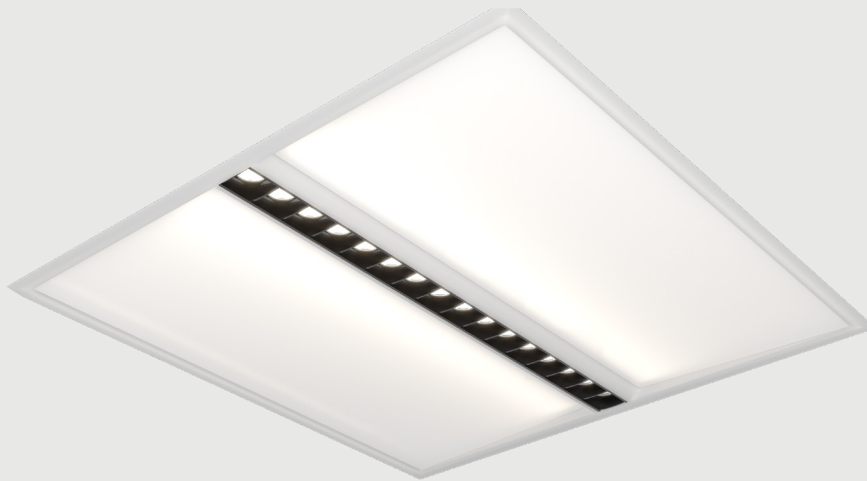
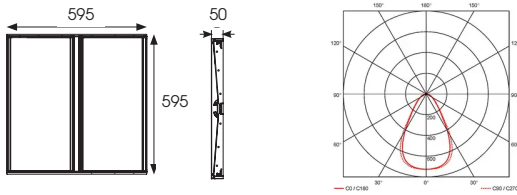
Juno

- Architectural LED recessed modular
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Dual direct / indirect output. Direct from the centre micro-prism centre line coupled with indirect output from the side diffuser sections. Providing a perfect combination for task and ambient lighting from one source
- Black polycarbonate micro reflector low glare design
- Micro-prism diffuser design ensures reduced glare and visual comfort
- OCTO compatible tunable white version available with CCT selection between 2700K-5000K ideal for any Human Centric Lighting requirements
- Powered by Tridonic
- TPa as standard



OCTO
Option
Available

Powered by
CASAMBI



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-10°C to 45°C	L70 54,000	80	6	70°	2	IP40

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
AJUN/1	600 x 600 - Cool White	20W - 36W	3000K/4000K/6500K	2500lm - 4400lm (4000K)	125lm/W (4000K)	18
AJUN/1/TW/OCTO	600 x 600 - Tunable White		2700K - 5000K	4100lm - 4200lm (3000K-6500K)		

* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
/DM3	DALI Emergency	/DD	Digital Dimming (DD1/DD3/DD4)
/OCTO	OCTO Smart Control		

CODE (ACCESSORIES)	DESCRIPTION
AARX60K/1	600x600 Anti-Ligature Kit

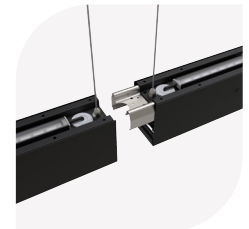
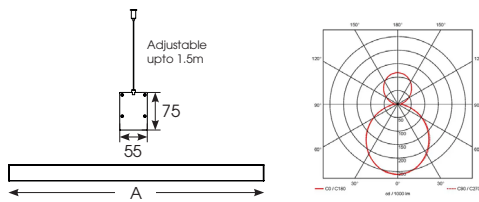


Vasco

- Aluminium bi-directional suspended or surface linear suitable for education, commercial and retail applications
- Aluminium extruded construction with integral driver
- Supplied bi-directional light output as standard with 30% upward light and 70% downward light ratio (directional only option can be selected if required)
- Opal diffuser provides optimal light uniformity
- Selectable CCT between 3000K, 4000K and 6500K output
- Pre-wired with 1.5 metre cable
- Adjustable suspension points c/w suspension kit
- Surface and track mounting available using AVAS/WM/1 and AVAS/P3/1/* accessories
- 1-10V dimmable as standard



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CASAMBI



AVASLED/LC -
Linking Connector



Fitted with AVASLED/90/B
90° Corner Connector

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 45°C	L80 69,000	80	6	105°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A
AVASLED	1200mm - Aluminium	50W	3000/ 4000 /6500K	5300lm (4000K)	105lm/W (4000K)	24	1200mm
AVASLED/LO	1200mm - Aluminium - LO	15W		1600lm (4000K)	105lm/W (4000K)	20	1200mm
AVASLED/5	1500mm - Aluminium	60W		6300lm (4000K)	105lm/W (4000K)	23	1504mm
AVASLED5/LO	1500mm - Aluminium - LO	20W		2000lm (4000K)	103lm/W (4000K)	20	1504mm

For black variant add 'B' into the above product codes e.g. **AVASLED5/B**

*UGR Value based on (4H - 8H)

CODE (ACCESSORIES)	DESCRIPTION
AVASLED/LC	Continuous Linking Connector
AVASLED/90	90° Corner Connector - Aluminium
AVASLED/90/B	90° Corner Connector - Black

CODE (ACCESSORIES)	DESCRIPTION
AVAS/WM/1	Wall Mounting Kit
AVAS/P3/1/W	Track Adaptor - White
AVAS/P3/1/B	Track Adaptor - Black



ELDERLY CARE



UGR < 19

Falls in hospitals and residential care homes are the most commonly reported patient safety incident, with more than 240,000 recorded in acute hospitals and mental health trusts in England and Wales. More than two thirds of these involve patients aged 80 or over.

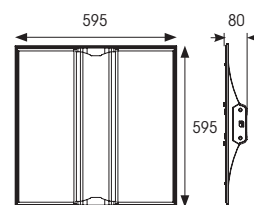
Impaired sight and unsteadiness are key causes of falls, while spending time in a specialist care setting with unfamiliar people, noises and surroundings can cause confusion. To help counter the risk of falls due to these factors, a higher level of illumination than normal is advisable.

Easily achieved using overhead lighting options such as the Volo recessed modular or Comfort Evo downlight, such fittings will provide ample levels of illumination, whilst also enabling colour temperatures and intensities to be finely tuned.

A carefully programmed smart system is ideal for elderly care settings, where lighting levels can be set both to create a calming ambience, alleviating distress, or subsequently brightened to allow practitioners to treat patients. Motion sensors are also ideal, ensuring that bright light is available when needed. Bulkheads such as Disco Evo and Mercurial both offer these options and are ideal to conserve energy at nighttime without compromising safety.

architectural design, Kala is an ideal option for larger open areas or for a linear option, Vasco ticks all of the boxes required.

Dimensions



IP40

Volo

The Volo recessed modular is suitable for elderly care applications



UGR UGR<19 compliant luminaire suitable for most internal spaces

OCTO Dimming, emergency and OCTO smart control options available

Selectable CCT Selectable CCT between 3000K and 4000K

TUNABLE WHITE OCTO compatible tunable white version available with CCT selection between 2700K and 6500K

5 YEAR WARRANTY



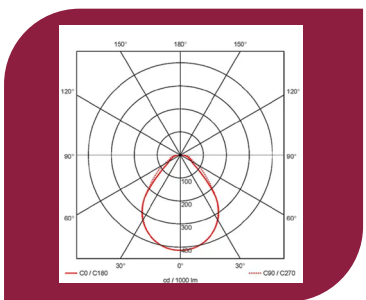
Scan here for Volo details





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Also available with these options:

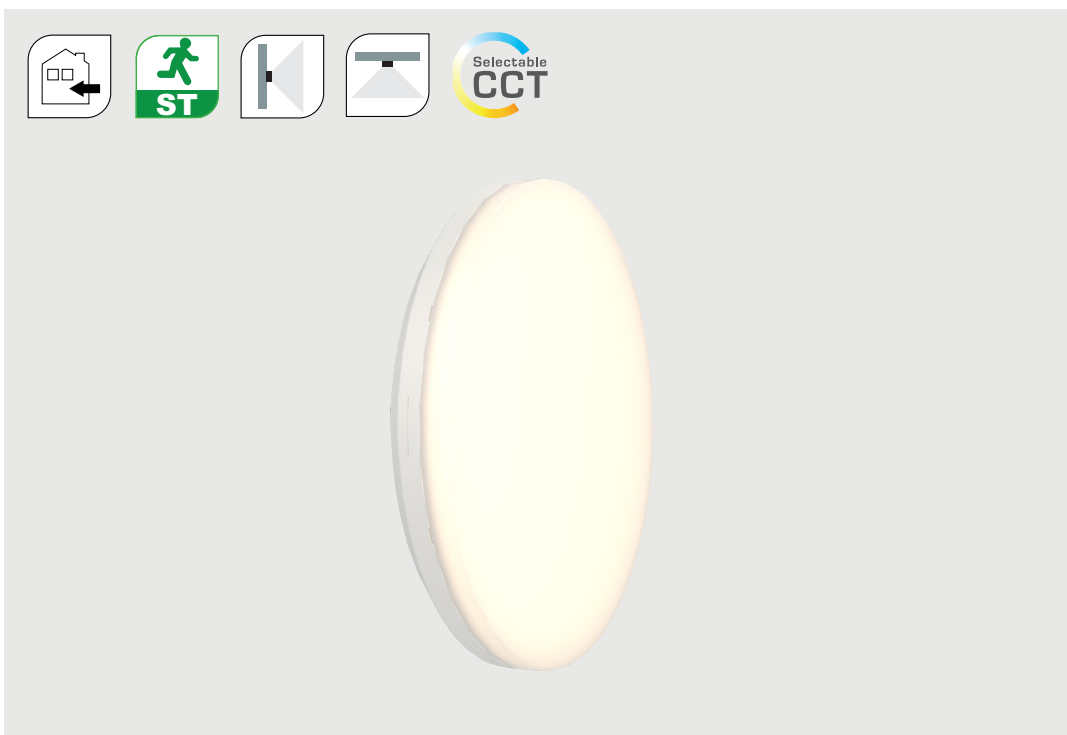
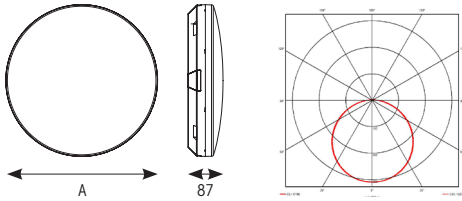
- Emergency
- Self-Test Emergency
- DALI Emergency
- OCTO Smart Control
- Digital Dimming (DD1, DD3, DD4)

Mercurial

- Utility LED wall/ceiling luminaire suitable for education and commercial applications and ancillary areas
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire (AMER1/1/** only)
- Corridor function options available for effective reduction in energy consumption
- Side conduit entry covers retain sleek appearance when not in use
- Clip in gear tray ensures quick installation



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Silver



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L70 80,000	80	3	120°	2	IP54	IK07

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
AMER1/1/W	CCT Selectable - White 370mm	13W/20W	3000/ 4000K	1900lm - 2700lm (4000K)	135lm/W (4000K)	370mm
AMER1/1/S	CCT Selectable - Silver 370mm	13W/20W		1900lm - 2700lm (4000K)	135lm/W (4000K)	370mm
AMER2/1/W	CCT Selectable - White 500mm	34W		4700lm (4000K)	130lm/W (4000K)	500mm
AMER2/1/S	CCT Selectable - Silver 500mm	34W		4700lm (4000K)	130lm/W (4000K)	500mm

* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

CODE (OPTIONS)	DESCRIPTION
/MWS	Integral Microwave Sensor
/DD	Digital Dimming (DD1/DD3/DD4)
/CF	Corridor Function

CODE (ACCESSORIES)	DESCRIPTION
ABSK/3	Bulkhead Suspension Kit



CIRCULATION AREAS

Lighting in corridors and circulation areas is essential for ensuring the safety of patients, visitors and staff

Well-lit corridors help reduce the risk of slips, trips and falls, and prevent accidents and injuries. Effective lighting is also important to support orientation and wayfinding, allowing occupants to safely navigate the building.

With many patients being transported by hospital trolley or wheelchair, glare is an important consideration in circulation areas. To prevent any visual discomfort from occurring, fittings should be dimmable and offset from the middle.

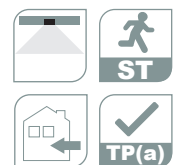
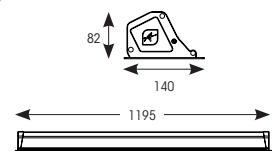
Linear lighting such as Hope is a great option. Highly energy efficient, it provides asymmetric light distribution, protecting patients being transported by hospital trolley from overhead glare. It is also CCT selectable between 3000K, 4000K and 5000K, enabling colour temperature to be tailored to the space.

As in all areas of healthcare buildings, energy efficiency is also a key consideration. Circulation lighting accounts for almost a third of a hospital's lighting bill, so ensuring lighting installations are efficient must be a priority to keep costs down.

Fittings featuring technology such as microwave sensors or corridor functionality are essential; helping to reduce energy consumption at night when a low level of illumination is required in empty spaces. Providing a consistent, 10% level of light output when rooms are unoccupied, the technology causes illumination to increase to 100% when movement is detected. Bulkheads such as Mercurial are an ideal option if this is a requirement.



Dimensions



IP40

Hope Asymmetric Linear

The Hope linear is suitable for corridor applications



High efficiency up to 120lm/w provides great energy saving



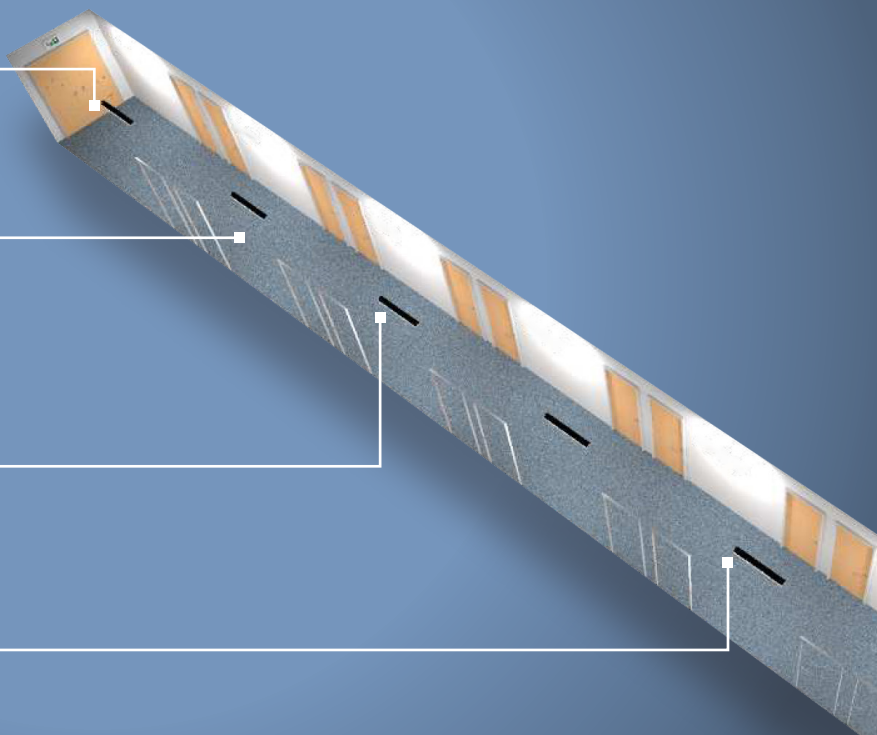
Self test emergency and OCTO smart control options available



Selectable CCT between 3000K, 4000K and 5000K



Specially designed asymmetric diffuser is perfect for corridor and healthcare applications



Scan here for Juno details



OCTO Option Available

Powered by CASAMBI



Lighting Criteria

Circulation - Daytime:

200 lux at floor

Circulation - Night-time:

50 lux at floor

Corridors/Ward Areas Night-time:

5 lux at floor

Also available with these options:

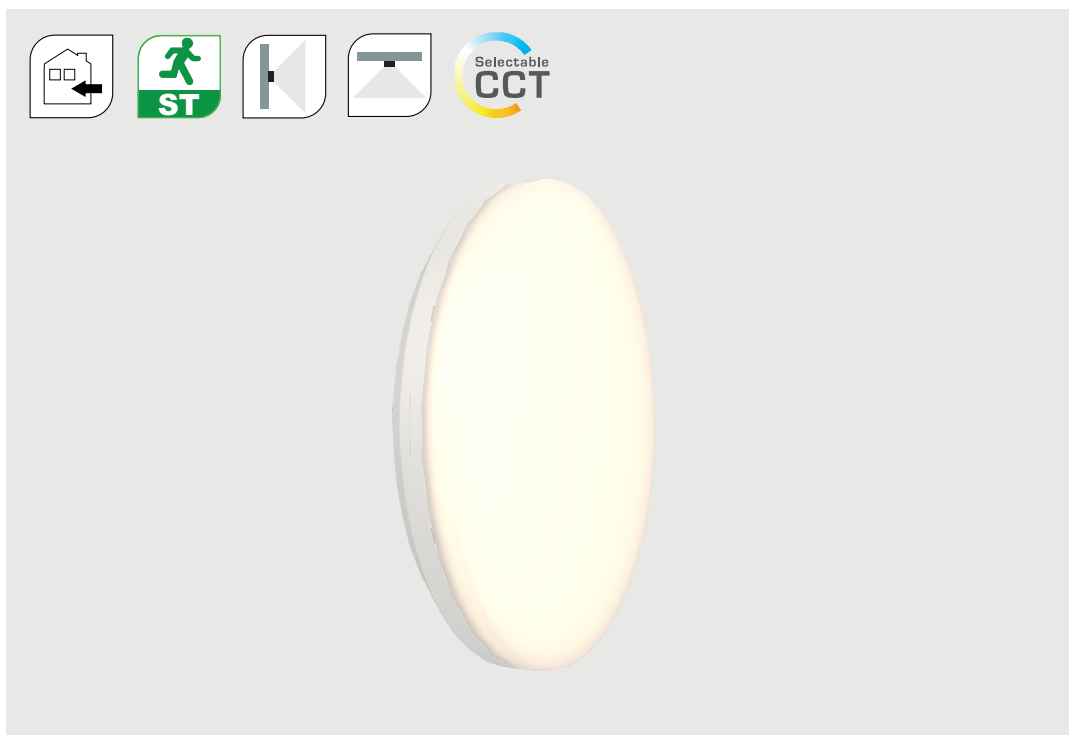
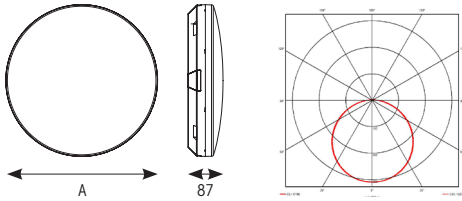
- Self-Test Emergency
- OCTO Smart Control

Mercurial

- Utility LED wall/ceiling luminaire suitable for education and commercial applications and ancillary areas
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire (AMER1/1 /** only)
- Corridor function options available for effective reduction in energy consumption
- Side conduit entry covers retain sleek appearance when not in use
- Clip in gear tray ensures quick installation



Powered by
CASAMBI



Silver



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L70 80,000	80	3	120°	2	IP54	IK07

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
AMER1/1/W	CCT Selectable - White 370mm	13W/20W	3000/ 4000K	1900lm - 2700lm (4000K)	135lm/W (4000K)	370mm
AMER1/1/S	CCT Selectable - Silver 370mm	13W/20W		1900lm - 2700lm (4000K)	135lm/W (4000K)	370mm
AMER2/1/W	CCT Selectable - White 500mm	34W		4700lm (4000K)	130lm/W (4000K)	500mm
AMER2/1/S	CCT Selectable - Silver 500mm	34W		4700lm (4000K)	130lm/W (4000K)	500mm

* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

CODE (OPTIONS)	DESCRIPTION
/MWS	Integral Microwave Sensor
/DD	Digital Dimming (DD1/DD3/DD4)
/CF	Corridor Function

CODE (ACCESSORIES)	DESCRIPTION
ABSK/3	Bulkhead Suspension Kit



WAITING AREAS AND CAFES



Waiting for a healthcare consultation or examination is often a stressful experience for patients and their families, so the importance of good feature lighting in these spaces cannot be underestimated.

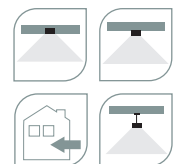
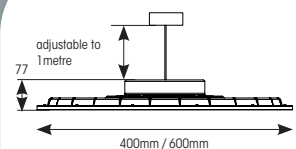
Implemented effectively, lighting can be used to create a calm, inviting and interesting atmosphere, helping to ease anxiety and soothe tension, making the wait much easier for visitors.

Low glare downlighting such as Comfort Evo is an ideal solution for patient

and family waiting areas, featuring controllable CCT and dimmable options to enhance comfort and wellbeing, it is also energy efficient to run. Similarly, recessed lighting such as Blade or Volo can be programmed to provide a reassuring yet ambient level of lighting from within the ceiling frame.

For café and more bustling seating areas, pendant lighting is another great option, adding visual interest to enhance interior design as well providing the required levels of illumination. With its circular architectural design, Kala is an ideal option for larger open areas or for a linear option, Vasco ticks all of the boxes required.

Dimensions



5
YEAR
WARRANTY

IP40

Kala Pendant

The Kala Pendant is suitable for patient and family waiting areas



Unique design allows installation as pendant or downlight*
*correct mounting accessories required



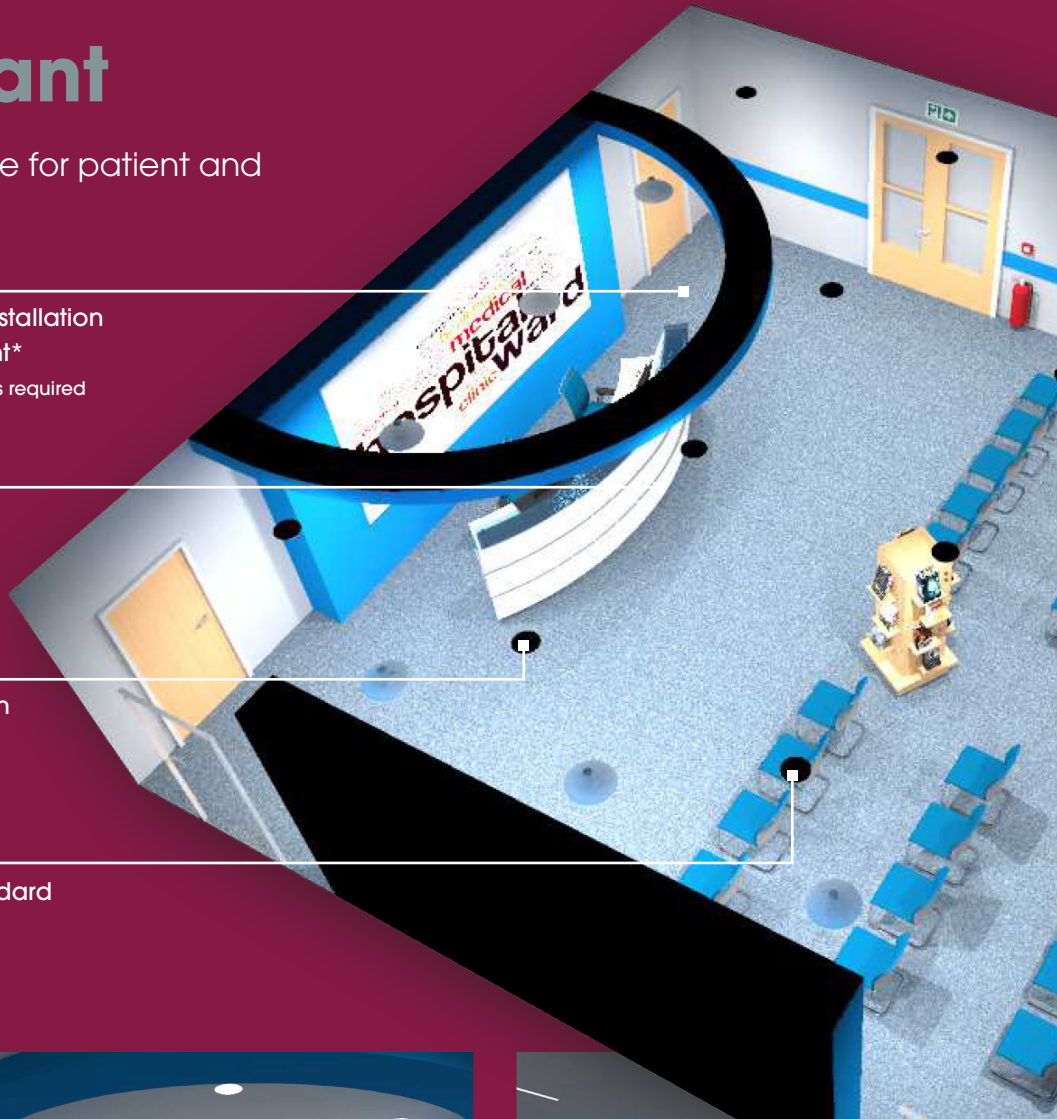
TPa as standard



Selectable CCT between 3000K, 4000K and 6500K



Triac dimmable as standard

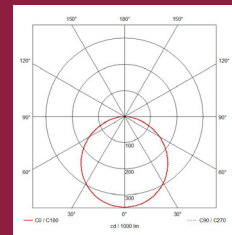


Scan here for Kala details



Lighting Criteria

Waiting Areas:
200 lux at floor
Atria:
200 lux at floor
Reception Desks:
500 lux at desk height

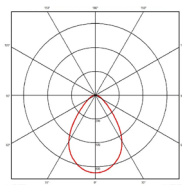
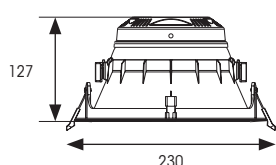


Also available with these options:

- Surface
- Suspended
- Recessed

Comfort EVO

- Economic high performance CCT selectable IP44 downlight suitable for commercial and healthcare applications
- Intelligent and eco-friendly 3 part design allows end user the choice of either black or white reflector and trim accessories to add to the downlight (ACOM*/1), offering great customisation and product upgradability
- Deep cut-off angle for glare control and comfort
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Downlight design allows installation into existing hole cut-outs of 210mm
- Anti-Ligature kit available for installation in secure environments such as healthcare and educational facilities
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- Dimmable and Emergency options, standard and Self-Test Emergency available using the Hawk Kit Emergency Pack



Performance Downlight



Fitted with black trim and diffuser



Surface mounted Comfort EVO also available

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L80 60,000	80	3	80°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
ACOM1/1	CCT Selectable	7W/13W	3000K/4000K	1000lm - 1800lm (4000K)	130lm/W (4000K)	23
ACOM2/1	CCT Selectable	17W/21W	3000K/4000K	2300lm - 2800lm (4000K)	130lm/W (4000K)	23

CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3/DD4)
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
ACOM/TR/W/1	Reflector and Trim White
ACOM/TR/B/1	Reflector and Trim Black
AARXDLK/1	Downlight Anti-Ligature Kit
AHUEMKIT/LI	Maintained/Non-maintained - Universal Emergency Pack



Rooms 7, 8, 9

EXIT

Rooms 10, 11, 12

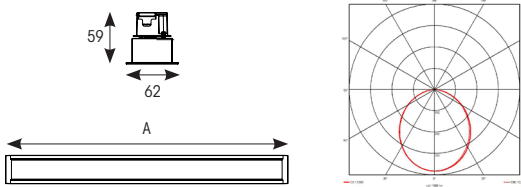
D

Blade

- Architectural aluminium recessed linear suitable for retail, commercial and educational applications
- Aluminium construction provides a modern and sleek appearance
- Perfect for recessed continuous installation to create a seamless line of light when using connector accessories and the roll-on diffuser
- Selectable CCT between 3000K, 4000K and 6500K output
- Suitable for individual or continuous mounting
- Non-dimmable



Powered by
CASAMBI



Installed with 90° connector accessory



90°, X and T Connectors for installation versatility

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 45°C	L70 54,000	80	6	110°	2	IP40

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A
ABLA060/1/W	600mm - Selectable CCT	15W	3000/ 4000K /6500K	1600lm (4000K)	105lm/W	27	615mm
ABLA120/1/W	1200mm - Selectable CCT	30W		3400lm (4000K)	113lm/W		1208mm
ABLA150/1/W	1500mm - Selectable CCT	37W		4200lm (4000K)	118lm/W		1505mm

* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/OCTO	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
/ABLA/LC/1	Linkable Connector
ABLA/X/1	X Connector
ABLA/T/1	T Connector
ABLA/90/1	90° Connector

CODE (ACCESSORIES)	DESCRIPTION
ABLA/12M/1	Opal Diffuser Roll 12m
ABLA/24M/1	Opal Diffuser Roll 24m
AHUMLED/KIT	Maintained/Non-Maintained - Emergency Pack
ADDIM30/MC	30W Multi-current Dimmable LED Driver
ADDIM50/MC	50W Multi-current Dimmable LED Driver



CLEAN AREA FACILITIES



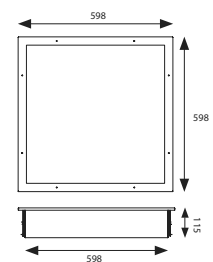
UGR ≤ 19

When it comes to clean area facilities, lighting schemes must deliver ease of cleaning and maintenance in addition to outstanding illumination quality.

Exposed to high levels of viruses and bacteria, installations must be robust and suitable for frequent cleaning, offering high ingress protection levels to prevent potential damage from water and dust during maintenance. Required lux levels vary from 500 lux in general areas, 750 lux in task areas and 1000 lux in inspection areas.

Fittings such as Defender, which has been specifically designed for clean area applications, are a must. Providing outstanding light transmission, the recessed panel has a high-quality steel welded frame housing and an IP65 rating protecting it against dust and moisture ingress. It also features a streamlined design which is easy to clean, reducing the risk of bacterial contamination.

Dimensions



5
YEAR
WARRANTY

IP65

Defender



High quality steel housing with welded frame for an IP65 rating



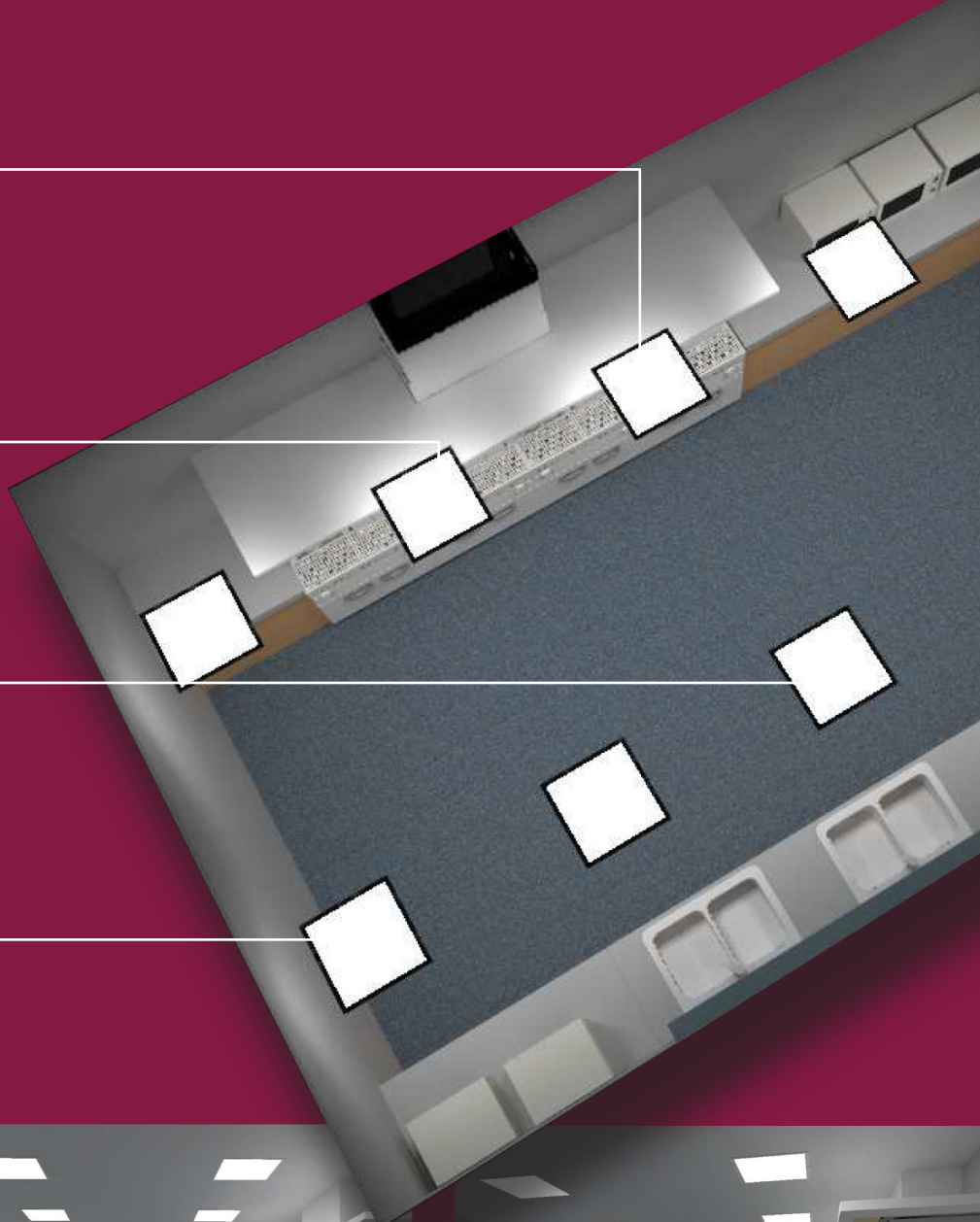
Dimming, emergency and OCTO smart control options available



Selectable CCT between 3000K, 4000K and 6500K



TPa as standard



Scan here for Defender details



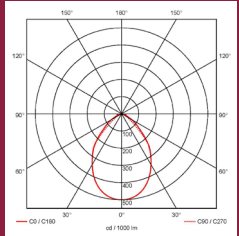


Powered by CASAMBI



Lighting Criteria

Laboratories:
500 lux at working plane



Also available with these options:

- Emergency
- Self-Test Emergency
- DALI Emergency
- OCTO Smart Control
- Digital Dimming (DD1, DD3, DD4)

ANCILLARY AREAS



Ancillary areas are a vital element of healthcare buildings, supporting staff to deliver high standards of effectiveness and efficiency.

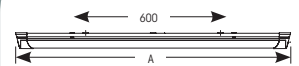
Whilst illumination requirements vary dependent on the purpose of the individual space, function and visibility constraints largely dictate lighting design in these areas.

For example, to meet high visibility requirements, pharmacy and drug stores require strong levels of illumination - 500 lux - to ensure the correct dispensation of medicines, whilst other storage, laundry and plant rooms require a more functional approach with lighting - around 200 lux.

Overhead batten lights such as Topline Evo and Tornado Evo provide an ideal solution, giving the desired illumination results whilst also being extremely robust and resistant to knocks and spillages. They also offer multi-power and CCT settings enabling required lux levels to be achieved

Bulkhead lighting such as the Disco Evo which offers high levels of efficacy as well as energy-saving room occupancy detection are also a worthwhile option in intermittently used spaces, ensuring that lighting is only in use when the room is.

Dimensions



IP40

Topline EVO

The Topline EVO batten is suitable for pharmacies and other ancillary areas



Modern fully enclosed surface luminaire with curved low profile appearance



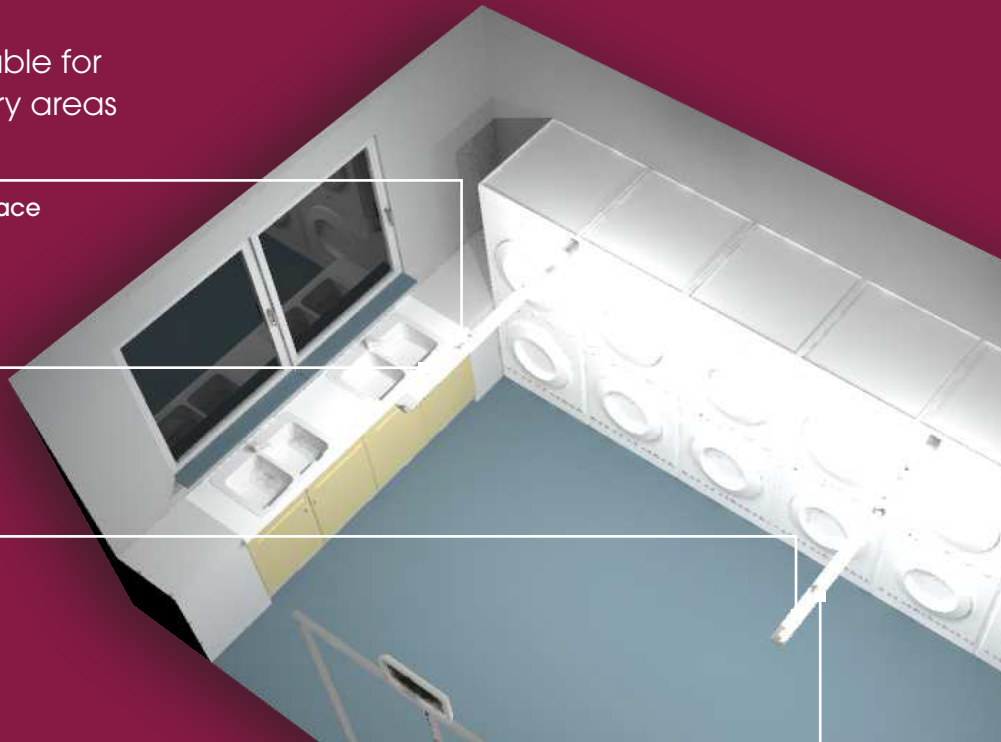
Choice of two outputs in one luminaire



Dimming, emergency and OCTO smart control options available



Selectable CCT between 3000K, 4000K and 5700K

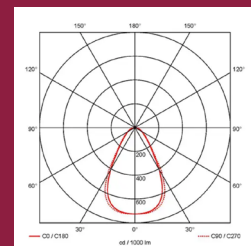


Scan here for Topline EVO details



Lighting Criteria

- Drug Stores:**
500 lux at desk
- Laundry Rooms:**
300 lux at floor
- Supplies Stores:**
300 lux at floor



Also available with these options:

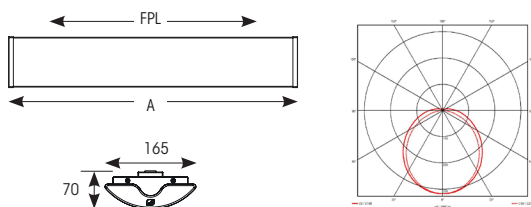
- Self-Test Emergency
- DALI Emergency
- OCTO Smart Control
- Digital Dimming (DD1, DD3, DD4)
- Corridor Function

Oxford

- Surface linear suitable for educational and commercial applications
- Modern fully enclosed surface luminaire with curved low profile appearance
- This is a widely used style of fitting within the educational sector
- CCT selectable between 3000K, 4000K and 5000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Steel body with polycarbonate diffuser and plastic end caps
- Dimmable options
- Powered by Philips



Powered by
CASAMBI



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L70 80,000	80	3	110°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A	FPL
AOXL4/1	1200mm - CCT Selectable	21/32W	3000K/4000K /5000K	2900lm - 5000lm (4000K)			1190mm	
AOXL5/1	1500mm - CCT Selectable	22/38W		3100lm - 5400lm (4000K)	140lm/W	24	1470mm	610mm
AOXL6/1	1800mm - CCT Selectable	32/49W		4500lm - 6900lm (4000K)			1800mm	

* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/SM3	Self-Test Emergency
/DM3	DALI Emergency

CODE (OPTIONS)	DESCRIPTION
/OCTO	OCTO Smart Control
/DD	Digital Dimming (DD1/DD3/DD4)
/MWS	Integral Microwave Sensor
/CF	Corridor Function

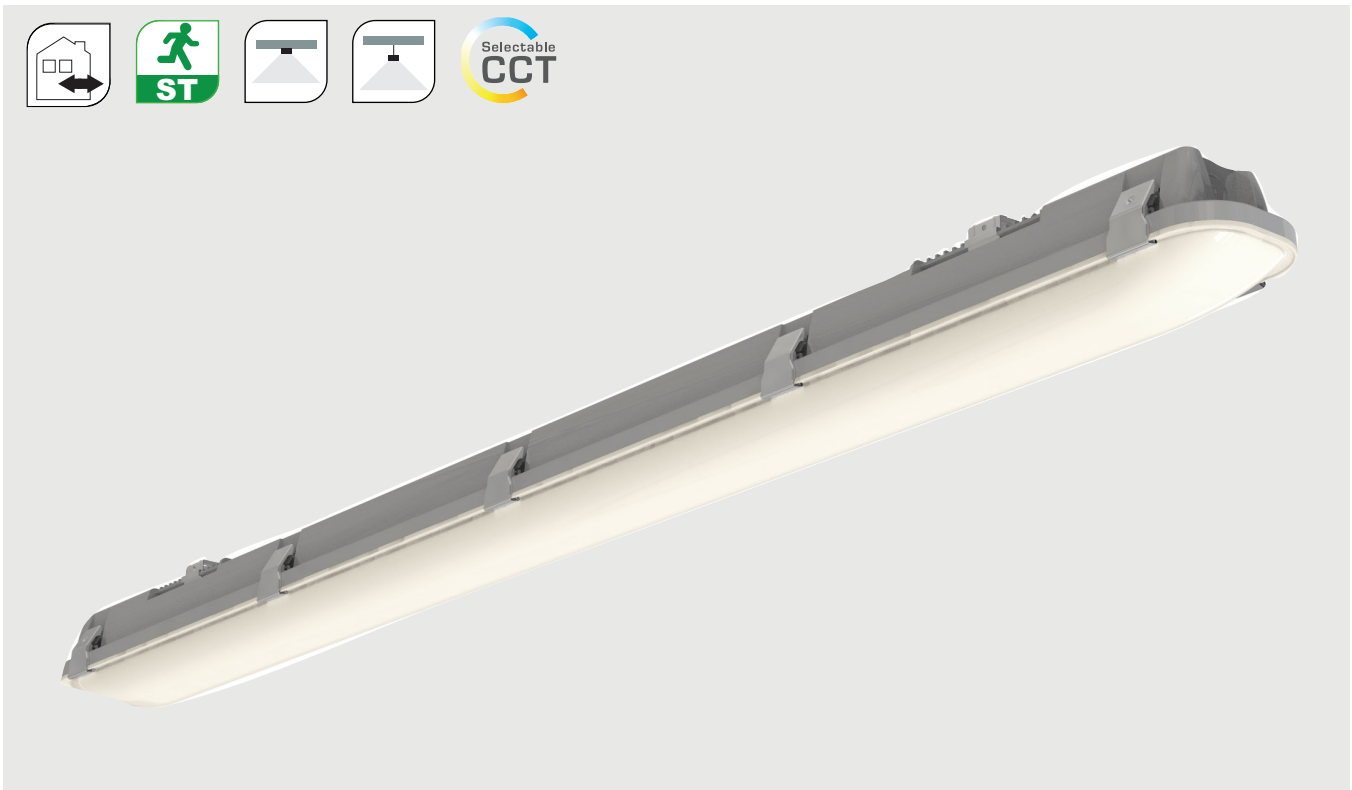
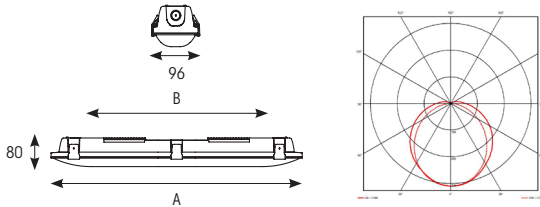


Tornado EVO

- IP65 non-corrosive batten suitable for industrial applications and ancillary areas
- High efficiency up to 160 Lm/W
- CCT selectable between 4000K, 5000K and 6500K and power selectable; offering a choice of 2 outputs, in one luminaire
- Slim sloped diffuser design creates sleek appearance and offers greater light distribution
- LED performance allows point-to-point replacement of existing fluorescent luminaires
- Lockable heavy-duty stainless steel clips supplied as standard for added safety and security
- Whole luminaire illuminates during emergency operation rather than a small area, allowing less emergency versions required on an installation



Powered by
CASAMBI



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20 to 40	L80 100,000	80	3	105/125°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	B
ATORE2/1	CCT Selectable - 600mm	9W/18W	4000K/5000K/6500K	1600lm - 3100lm (4000K)	160lm/W	600mm	280mm
ATORE4/1	CCT Selectable - 1200mm	20W/40W		3100lm - 6200lm (4000K)		1200mm	840mm
ATORE5/1	CCT Selectable - 1500mm	30W/60W		4700lm - 9300lm (4000K)	(4000K)	1500mm	1040mm
ATORE6/1	CCT Selectable - 1800mm	35W/70W		5400lm - 10800lm (4000K)	1800mm	1353mm	

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

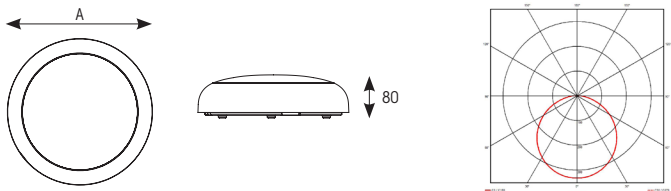
CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3/DD4)
/MWS	Integral Microwave Sensor
/CF	Corridor Function



Disco EVO



- Slim and modern bulkhead suitable for residential, commercial and industrial applications as well as ancillary areas
- High efficiency up to 145lm/W
- All polycarbonate construction with opal diffuser and white trim ring with optional chrome, satin chrome or graphite trim ring accessories
- CCT selectable between 3000K, 4000K and 6500K and power selectable; offering a choice of 3 outputs, in one luminaire
- Gear tray located on the bezel, allowing the base to be installed and then the bezel connected, this coupled with 4x 20mm conduit entry points on base ensure a quick and simple installation
- Two options of microwave sensor emergency
- Instant light output and unlimited switching



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L70 54,000	80	5	110°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
ADIS1/1	CCT Selectable - 275mm	4/7W	3000/ 4000K	480lm - 950lm (4000K)	120lm/W - 140lm/W (4000K)	275mm
ADIS2/1	CCT Selectable - 325mm	9/16W	/6500K	1200lm - 2300lm (4000K)	135lm/W - 145lm/W (4000K)	325mm

* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/SM3	Self-Test Emergency
/MWS	Integral Microwave Sensor
/CF	Corridor Function

CODE (ACCESSORIES)	DESCRIPTION
ADIS1BZ/CH/1	Chrome Trim Ring (ADIS1/1)
ADIS1BZ/SC/1	Satin Chrome Trim Ring (ADIS1/1)
ADIS1BZ/B/1	Black Trim Ring (ADIS1/1)
ADIS2BZ/CH/1	Chrome Trim Ring (ADIS2/1)
ADIS2BZ/SC/1	Satin Chrome Trim Ring (ADIS2/1)
ADIS2BZ/B/1	Black Trim Ring (ADIS2/1)



OUTDOOR SPACES

Outdoor lighting holds immense significance in healthcare settings, ensuring patients, staff, and visitors have safe and accessible outdoor spaces. Our outdoor lighting solutions are designed to enhance security and well being in healthcare facilities

BUILDINGS
WOLF WALLPACK



DOORS
WOLF POST TOP



In healthcare settings, the significance of customised outdoor lighting cannot be overstated. It serves not only to enhance functionality but also to prioritise the safety of pedestrians and motorists alike.

Thoughtful illumination of crucial areas like car parks, pathways, entrances, and the surrounding landscapes mitigates risks during darker hours and adverse weather conditions.

Discover our comprehensive range of outdoor lighting systems designed to meet the unique requirements of healthcare outdoor spaces. With these solutions, we aim to ensure the safety and well being of all those who traverse these areas, day or night.

CAR PARKS
MAGNA



CAR PARKS
ONIX



GLOWING PATHWAYS TO SECURITY

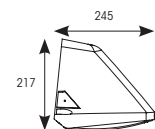
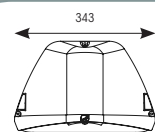


Essential for heightening safety and security, outdoor lighting is an important consideration for any healthcare setting.

Whilst high levels of illumination and uniformity are required to ensure safe transit and visual recognition amongst staff, patients and visitors, glare is also a primary concern. For that reason, IDA rated fittings that deliver targeted illumination with no upward glare are a must for healthcare buildings, protecting dark skies and causing little disruption to patients sleeping inside.

Car parks, pathways, pavements, entrances, signage and building façades all require illumination and so a variety of different fittings are required outdoors. From post and wall mountable bulkheads such as and Wolf Mini, to bollards such as Aries and Avio, durability, energy efficiency and design are all key considerations in the specification process.

Dimensions



5
YEAR
WARRANTY

IP65

Wolf

Modern, robust die-cast aluminium low glare wall pack



Advanced lens technology offers wide distribution for optimum spacing and uniformity, whilst ensuring minimal uplight and light pollution with 0% upward light distribution, aiding with compliance with IDA Dark Skies recommendations



Emergency, dimmable, Microwave Sensor, Photocell and OCTO Smart options available



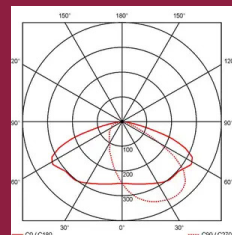
Multiple conduit entry and BESA fixing points, with 20mm East and West side entry for surface conduit and through-wire



High efficiency up to 120 lm/W



Scan here for full Wolf details



Also available with these options:

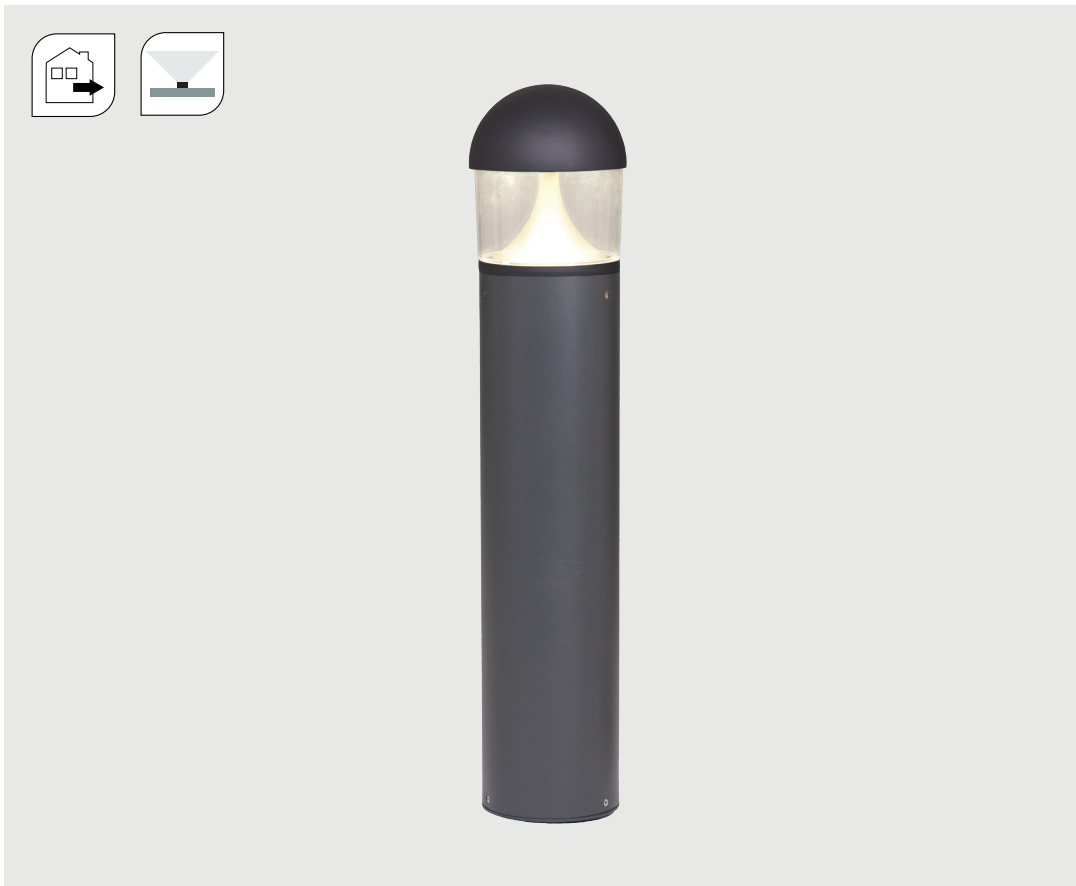
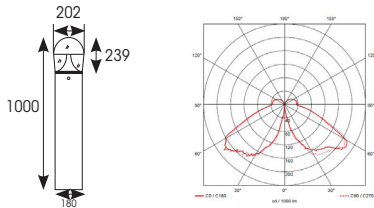
- Emergency
- Self-test emergency
- DALI Emergency
- OCTO Smart control
- Integral Microwave Sensor

- Digital Dimming (DD1, DD3, DD4)
- Photocell

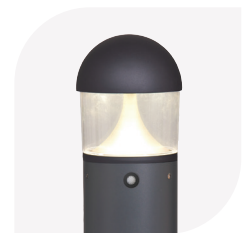
Taurus Bollard



- Robust die-cast aluminium bollard with a textured graphite finish suitable for education, commercial and hospitality outdoor applications
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 3 outputs, in one luminaire
- High efficiency upto 100lm/w
- Die-cast aluminium head with polycarbonate lens
- Innovative base plate design allows greater installation flexibility
- Supplied c/w root mounting kit
- Integral emergency option
- Integral PIR option



Emergency Operation



PIR Option

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-25°C - 50°C	L80 72,000	80	5	140°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW
ATAUB/1	CCT Selectable	10W-24W	3000K/4000K	1100lm - 2600lm (4000K)	110lm/W (4000K)
ATAUB/1/PIR	CCT Selectable - PIR				

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency

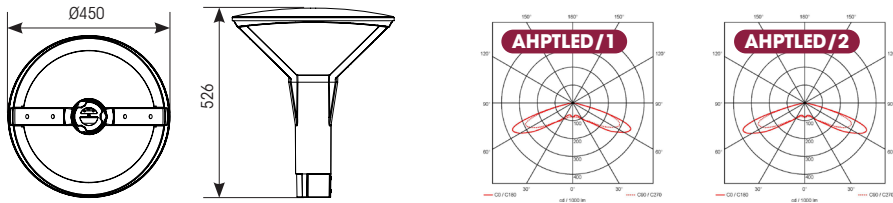
CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell



Helix



- Modern die-cast aluminium post top lantern Ideal for carparks and open areas
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Electrostatic paint finish for enhanced corrosion resistance
- Advanced lens technology providing optimum performance and control
- Suitable for residential and commercial use
- 76mm spigot bracket



only applies to 3000K variants

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
100/240V	50/60Hz	-30°C to 50°C	L80 100,000	70	4	145°	1	IP66	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	WINDAGE
AHPT/1	CCT Selectable	20W - 75W	3000K/4000K	2500lm - 8800lm (4000K)	118lm (4000K)	0.24

CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD3)

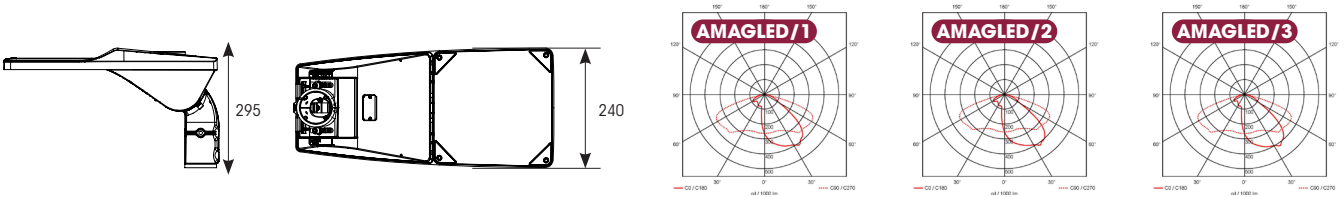
CODE (ACCESSORIES)	DESCRIPTION
AHPT/1/60SBA	60mm Spigot Bracket Accessory



Magna



- Modern die-cast aluminium street light suitable for residential and commercial applications
- Die-cast aluminium construction for optimal heat dissipation and performance
- UV stabilized polycarbonate cover
- Toolless gear tray removal for ease of maintenance
- Built in anti-tamper isolation facility
- Compatible with post top or side entry utility 76mm spigot
- Advanced lens technology providing optimum performance and control.
- G3 Glare Rating
- Surge protection
- Available in standard, complete with photocell option



Side entry utility 76mm Spigot Bracket



only applies to 3000K variants

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-30°C to 50°C	L80 100,000	70	5	50° x 140°	1	IP66	IK09

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	WINDAGE
AMAGLED/1	Cool White	30W	4000K	5300lm	152lm/W	0.16
AMAGLED/2		50W		7800lm	152lm/W	
AMAGLED/3		70W		11000lm	151lm/W	
AMAGLED/1/WW	Warm White	30W	3000K	4700lm	150lm/W	
AMAGLED/2/WW		50W		7700lm	152lm/W	
AMAGLED/3/WW		70W		10500lm	148lm/W	

*UGR Value based on (4H - 8H)

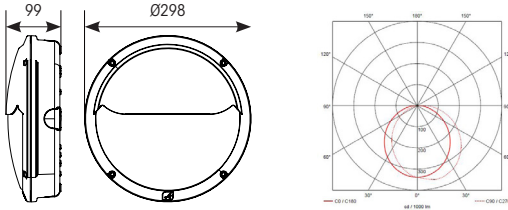
CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell

CODE (ACCESSORIES)	DESCRIPTION
AMAGLED/60SBA	60mm Spigot Bracket



Lucca

- IP66 rated die-cast aluminium wall light with opal polycarbonate diffuser suitable for education, commercial and industrial applications
- Tamper-proof stainless steel allen key screws
- One product with integral switches for multi-wattage and selectable CCT options
- Non-dimmable
- Powered by Tridonic



Removable 20mm conduit entry cover for ease of installation



Graphite

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L70 60,000	80	5	105°/110°	1	IP66	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ALUCLED/B	CCT Selectable - Black	18/27W	3000/4000K	1300lm - 1900lm (4000K, 18/27W)	69/71lm/W (4000K, 18/27W)
ALUCLED/G	CCT Selectable - Graphite				

* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/SM3	Self-Test Emergency
/DM3	DALI Emergency

CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell
/MWS	Integral Microwave Sensor
/CF	Corridor Function

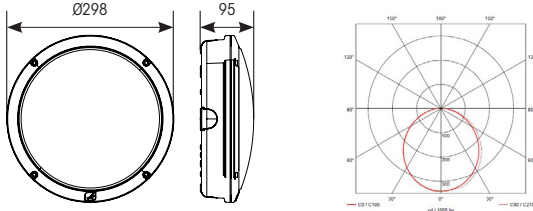


DIC

15 AMEDI

Nappa

- IP66 rated die-cast aluminium wall light with opal polycarbonate diffuser suitable for education, commercial and industrial applications
- Tamper-proof stainless steel allen key screws
- One product with integral switches for multi-wattage and selectable CCT options
- Non-dimmable
- Powered by Tridonic



Removable 20mm conduit entry cover for ease of installation



Graphite

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L70 60,000	80	5	105°/110°	1	IP66	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ANAPLED/B	CCT Selectable - Black	18/27W	3000/4000K	2500/3500lm (4000K, 18/27W)	134/127lm (4000K, 18/27W)
ANAPLED/G	CCT Selectable - Graphite				

* UGR Value based on (4H - 8H)

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EMERGENCY



EMERGENCY LIGHTING

Safety is a key priority in healthcare settings and when it comes to emergency lighting, the requirements set out by British Standard BS5266 apply.

This states lux levels of 1 must be achieved along escape routes whereas 0.5 lux is required in open areas greater than 60m². In high-risk areas such as treatment rooms or operating theatres, the illuminance value must be 10% of the normal level.

Durable emergency bulkheads such as Guardian are great for open spaces alongside emergency downlights such as Falcon which features high performance optic design for increased spacing and reduced cost.

To mark exit routes and doors, the Adler LED Exit Sign and LED Slim Exit Box are ideal and feature a rotatable legend design, allowing for direction selection. The Adler LED exit sign also offers five different mounting options for easy and versatile application.

Whilst an essential safety requirement, the need for emergency lighting on wards must be balanced with avoiding light disturbance from the units at night when patients are sleeping. Signal Pro downlight has a dimmable green LED indicator, ideal for wards where you need emergency lighting but don't want to disturb or have glare for patients at night.

For retrofit/upgrade projects, Panel Pod, which has been awarded The King's Award for Enterprise, is a truly innovative solution. In less than 60 seconds, it can convert an existing LED panel light into an emergency light, without needing a conversion kit or additional ceiling fixture to install.

When it comes to emergency lighting installations, testing and maintenance is a legal requirement but can prove to be disruptive in healthcare environments if not carried out effectively. This is why all Ansell Lighting emergency lighting comes with self-testing functionality as standard and is powered by long-lasting, highly reliable lithium batteries.



Adler Exit Sign

Lightweight contemporary, self-test emergency LED Exit Sign with rotatable legends available in black and white



Guardian Bulkhead

Ultra-slim profile LED polycarbonate bulkhead with 20mm side, end and rear cable entries, and quick release LED array/gear tray for faster installation and maintenance



Panel Pod

Integral self-test emergency pod for Pace and Endurance LED panels. Simple, quick twist and lock fixing. Pre-wired 1m cable for easy install. Tri-colour LED indicator. LiFePO4 Lithium battery for improved energy consumption, reliability, and lifetime.



Designed to Deliver

ansell-lighting.com